

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) An interface Interface between two parts of a tool-system, especially of a metal-cutting tool, with a retainer comprising a recess, and an exchangeable tool head, comprising an appendix, which can be inserted into the recess, the exchangeable tool head is arranged in axial prolongation to the retainer, and with a fixture to fix the exchangeable tool head on the retainer, characterized in that the fixture comprises a tension-bolt and an in-axial-direction displacing eccentric cam element, wherein the eccentric cam element is operable over a peripheral area of the retainer metal-cutting tool, and that the tension-bolt comprises a pull stud, which can be inserted into the eccentric cam element, comprising a first clamping surface, and that the eccentric cam element comprises a second clamping surface, wherein the a distance between the second clamping surface to a rotary axis of the eccentric cam element is different varies, wherein the first clamping surface of the tension-bolt is formed convex and the second clamping surface of the eccentric cam element is formed concave, and wherein the eccentric cam element includes stops restricting an amount of rotational movement of the eccentric cam element therebetween.

2. (Currently Amended) The interface Interface in accordance with claim 1, wherein the pull stud includes a boss having a the first clamping surface,the boss which can be introduced into the eccentric cam element.
3. (Currently Amended) The interface Interface in accordance with claim 1, wherein the pull stud has a center axis running in the direction of a the center axis of the metalworking metal-cutting tool.
4. (Currently Amended) The interface Interface in accordance with claim 1, wherein the first clamping surface includes an acute angle to a the center axis of the pull stud.
5. (Currently Amended) The interface Interface in accordance with claim 1, wherein the pull stud is connected to the extension appendix of the tool head or is formed in one piece with same.
6. (Currently Amended) The interface Interface in accordance with claim 1, wherein the pull stud has a stop ring.

7. (Currently Amended) The interface Interface in accordance with claim 1, wherein the eccentric cam has a second clamping surface the spacing of which to an axis of rotation of the eccentric cam varies further comprising a safety element disposed on the retainer, wherein a portion of the safety element abuts one of the stops on the eccentric cam element so as to inhibit rotation of the eccentric cam element in the retainer.
8. (Currently Amended) The interface Interface in accordance with claim 1, wherein the pull stud boss and the eccentric cam element each have an ejector surface.
9. (Currently Amended) The interface Interface in accordance with claim 1, wherein the rotary axis of rotation of the eccentric cam is essentially perpendicular on to the a center axis of the metalworking metal-cutting tool.
10. (Currently Amended) The interface Interface in accordance with claim 1, wherein the eccentric cam element has a hollow space accessible from the a radial side of the eccentric cam element and wherein with a surface which forms the second clamping surface and the second clamping surface includes an acute angle relative to the rotary axis of rotation of the eccentric cam element.

11. (Currently Amended) The interface Interface in accordance with claim 1, wherein the an ejector surface of the eccentric cam element is part of the an interior surface of the eccentric cam element bounding the a cavity in the eccentric cam element.
12. (Currently Amended) The interface Interface in accordance with claim 1, wherein the eccentric cam has stops that restrict restricting it's the rotational movement of the eccentric cam element are in the form of stop surfaces within the eccentric cam element.
13. (Currently Amended) The interface Interface in accordance with claim 1, wherein the eccentric cam element has operating surfaces on at least one end face.

14. (NEW) An interface between two parts of a tool system comprising:
 - a holder defining a recess;
 - a replaceable head having an extension insertable into the recess so as to extend axially from the holder;
 - a pull stud that extends from the replaceable head, the pull stud having a first clamping surface;
 - an eccentric cam element rotateably disposed in the holder and accessible through a peripheral surface of the holder, the eccentric cam element having a second clamping surface, wherein a dimension between the second clamping surface and a rotational axis of the eccentric cam varies, the eccentric cam element configured to receive the pull stud and couple the replaceable head to the holder when the eccentric cam element is rotated; and
 - stops formed on the eccentric cam that restricts rotation of the eccentric cam element in the holder.
15. (NEW) The interface between two parts of a tool system of Claim 14, wherein the first clamping surface includes an acute angle to a center axis of the pull stud.

16. (NEW) The interface between two parts of a tool system of Claim 14, wherein the pull stud includes a boss having an ejector surface and the eccentric cam element includes an ejector surface, wherein the eccentric cam element is rotated to a position where the ejector surfaces of the pull stud and the eccentric cam element come into contact to push the replaceable head in an axial direction away from the holder.
17. (NEW) The interface between two parts of a tool system of Claim 14, wherein an axis of rotation of the eccentric cam element is generally perpendicular to a center axis of replaceable head.
18. (NEW) The interface between two parts of a tool system of Claim 14, wherein the eccentric cam element defines a hollow space accessible from a radial side of the eccentric cam element and wherein the second clamping surface establishes an acute angle relative to an axis of rotation of the eccentric cam element.
19. (NEW) The interface between two parts of a tool system of Claim 18, further comprising a stop ring that extends from the pull stud, the stop ring abuts a portion of the eccentric cam element when the pull stud is received in the eccentric cam element to operably position a boss on the pull stud in the hollow space defined by the eccentric cam element.

20. (NEW) The interface between two parts of a tool system of Claim 14, further comprising a safety element disposed on the holder, wherein a portion of the safety element abuts one of the stops on the eccentric element so as to inhibit rotation of the eccentric cam element in the holder.